

Certificate of Analysis Terpenes

Reference: Fersken
Sample date: 23/11/2022
Bloomday: 22
Description: -----
Further information: -----

Client: Raske Planter
Sample ID: D9400030
Sample material: herbal

Class 1 Terpenes

beta-Myrcene	>> 7,963
alpha-Pinene	0,958
beta-Pinene	0,343
(+)-Limonene	0,960
Citronellol	0,027
Linalool	0,413
(+)-Cedrol	0,301
beta-Caryophyllene	0,808

Class 2 Terpenes

Caryophyllene Oxide	0,038
alpha-Humulene	0,219
Eucalyptol	0,013
Terpinolene	0,033
cis-Ocimene	*
trans-Ocimene	0,045
(-)-Guaiol	0,225
(-)-alpha-Bisabolol	0,148

Class 3 Terpenes

cis-Nerolidol	0,097
trans-Nerolidol	0,027
alpha-Cedrene	*
Fenchol	0,183
l-(-)-Fenchone	0,037
(+)-Pulegone	*
Geraniol	*
Geranylacetate	0,021

Class 4 Terpenes

Isoborneol	0,018
alpha-Terpinene	*
gamma-Terpinene	0,010
Camphene	0,032
(-)-Camphor	*
para-Cymene	*
delta-3-Carene	*
(-)-Isopulegol	0,019

Terpenes total >> 12,946

*) ND = not detectable. The measured value was below the limit of detection of 0.010 mg/g or 10 ppm.
Unit: mg/g. The validated measurement uncertainty of the method is 20 %.

Picture of the received sample on 28/11/2022



Head of Laboratory Services



Ing. Christian Fuczik, Chemist
Analysis reviewed - last changes: 30/11/2022 at 15:35

Footnote:

Method of analysis: HS GC-FID (headspace - gas chromatography-flame ionisation detector). All measurement methods were calibrated and controlled with certified reference materials (CRM).

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